

Subject: Unimar Consent Decree Update/Status Report

Date: September 16, 1992

From: Lisa C. Macchio

To: THE FILE

The Report of Environmental Sampling at Unimar Yard 1 Dry Dock Facility, Lake Union, Washington was received in the Water Compliance Section on September 25, 1991. The study was performed in compliance with the Consent Decree (No. C85-382R). The report evaluates the chemical characteristics, toxicity of bottom sediments and extent of the sandblasting material beneath the Yard 1 facility - on the bottom on Lake Union in and near the dry docks.

Sediment and water samples were analyzed for metals, semivolatile organic compounds, total petroleum hydrocarbons, polychlorinated biphenyls. Sample results reveal exceedences of acute and/or chronic state water quality standards for several metals. The report delineates the physical extent of chemical contamination around the pier 1 drydocks.

Additionally, the report briefly describes several removal and disposal methods and in-place capping of the sediments. No recommendation of a remedial option is given.

The consent decree requires removal and disposal of the sandblasting debris from beneath and near the facility which emanated from the facility. There appears to be some questions regarding the remedial action to be performed.

#### Problems/issues:

The consent decree schedule dates were unrealistic. The time frames were unattainable. At present the facility has submitted a report of sampling analysis results with alternative actions outlined. The report has not been adequately reviewed.

The facility needs to submit an evaluation of the removal and disposal methods including probable costs. They also need to identify the methods to be used and submit to EPA an Ecology a removal and disposal plan.

The facility was financially shakey. Current financial situation is unknown. It is unknown what they can spend on the removal action.

The WCS has been lax in doing anything with this site.

WCS does not have the technical expertise to manage the consent decree and the removal action as required in the decree.